Electronic Supplementary Material (ESI) for RSC Advances.

SUPPORTING INFORMATION

Influence of Ti_3C_2 MXene modification with ceramic oxide and noble metal nanoparticles on its antimicrobial properties and ecotoxicity towards selected algae and higher plants

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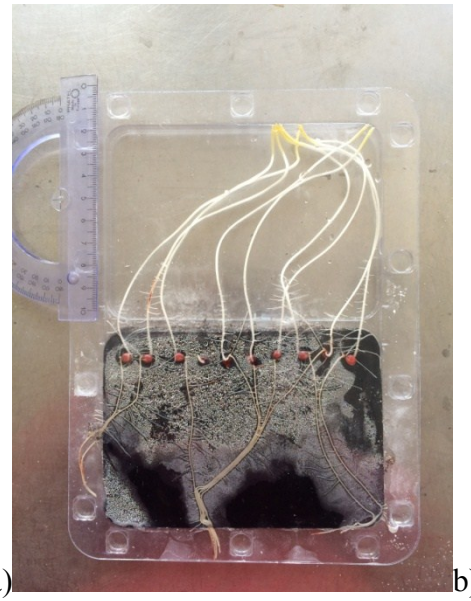
a)  b) 

Fig. S1 Growth of the *Sorghum saccharatum* (a) and *Sinapsis alba* (b) without presence of any addition (reference sample).

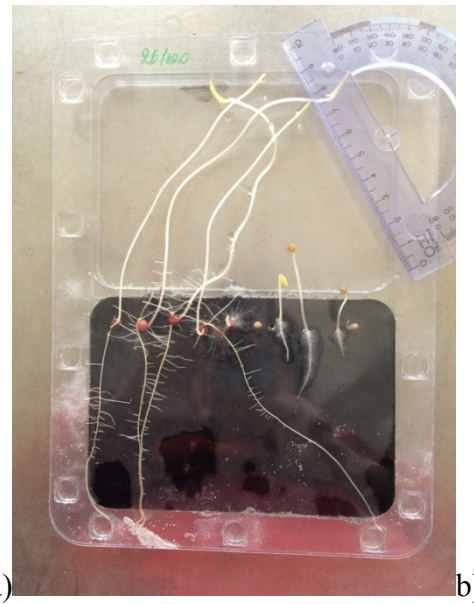
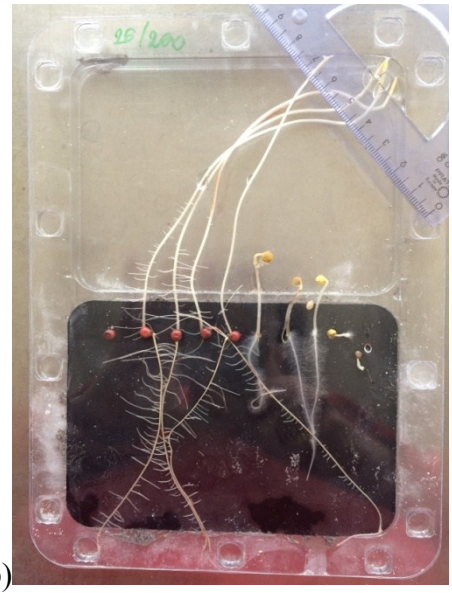
a)  b) 

Fig. S2 Growth of the *Sorghum saccharatum* (a) and *Sinapsis alba* (b) in the presence of Ti_3C_2 MXene in concentration of 100 mg/kg.

a)  b) 

Fig. S3 Growth of the *Sorghum saccharatum* (a) and *Sinapsis alba* (b) in the presence of Ti_3C_2/3%Al_2O_3/2%Ag nanocomposite in concentration of 100 mg/kg.

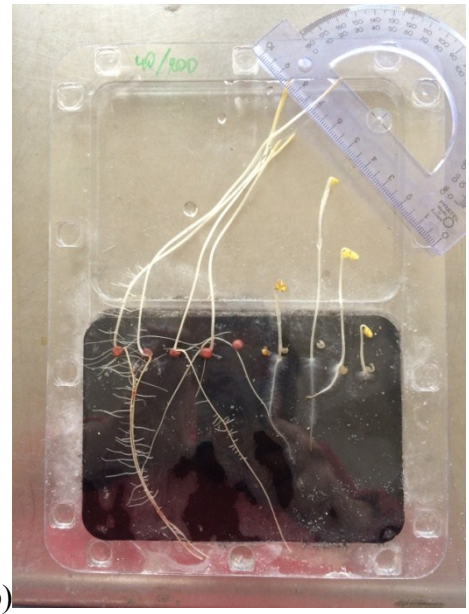
a)  b) 

Fig. S4 Growth of the *Sorghum saccharatum* (a) and *Sinapsis alba* (b) in the presence of Ti_3C_2/3%SiO_2/2%Ag nanocomposite in concentration of 100 mg/kg.

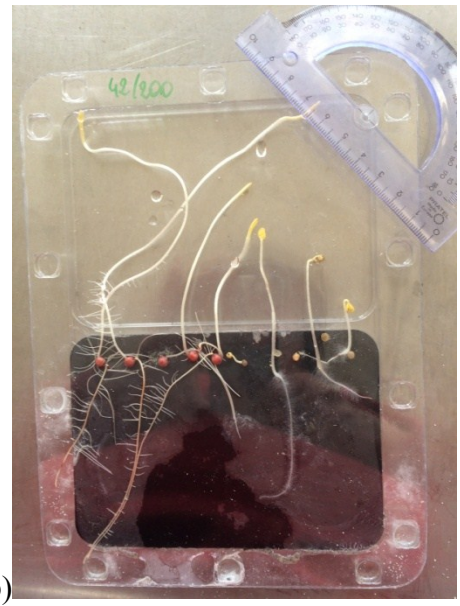
a)  b) 

Fig. S5 Growth of the *Sorghum saccharatum* (a) and *Sinapsis alba* (b) in the presence of Ti_3C_2/3%SiO_2/2%Pd nanocomposite in concentration of 100 mg/kg.